In the Specification:

Please delete the Sequence Listing which begins at page 79 and continues through and includes page 83 of the Specification and insert therefor the Sequence Listing included herein, and please change all subsequent page numbers accordingly.

Please amend the specification as follows:

At page 3, line 19, please delete "p24 p13," and insert therefor --p24, p13--.

At page 3, line 20, please delete "or".

At page 6, line 23, after "R15K", please insert -- , SEQ ID NO:1 -- .

At page 6, line 31, after "CTRPNNNTRKSIRIQRGPGRAFVTI", please insert -- (SEQ ID NO:10) --.

At page 7, line 34, please delete "it".

At page 10, line 13, after "Table 2" please insert -- (SEQ ID NO:11 through SEQ ID NO:27, respectively, and SEQ ID NO:1) --.

At page 12, after the last line of Table 2, please insert -- The peptides of this table are represented by SEQ ID NOs:11-27 and SEQ ID NO:1, respectively. --.

At page 14, lines 25 through 27, please delete "D23, D24, D25, D26, D30, D35, D38, D39, D40, and D44 (R15K)" and insert therefor -- D23 (SEQ ID NO:11), D24 (SEQ ID NO:12),

D25 (seq is no:13), D26 (SEQ ID NO:14), D30 (SEQ ID NO:18), D35 (SEQ ID NO:23), D38 (SEQ ID NO:25), D39 (SEQ ID NO:26), D40 (SEQ ID NO:27) and D44 (R15K, SEQ ID NO:1)--.

At page 15, lines 10 and 11, please delete "D27, D28, D29, D31, D32, D33, D34 AND D37" and insert therefor --D27 (SEQ ID NO:15), D28 (SEQ ID NO:16), D29 (SEQ ID NO:17), D31 (SEQ ID NO:19), D32 (SEQ ID NO:20), D33 (SEQ ID NO:21), D34 (SEQ ID NO:22) and D37 (SEQ ID NO:24) --.

At page 15, line 34, please delete, "R15K, N24G, E13V, H13N and T13Q", and insert therefor, -- R15K (SEQ ID NO:1), N24G (SEQ ID NO:3), E13V (SEQ ID NO:4), H13N (SEQ ID NO:7)and T13Q (SEQ ID NO:6) --.

At page 25, line 34, please delete "FIGURE 9" and insert therfor -- FIGURE 1 --.

At page 26, line 10, after "R15K peptide", please insert -- (SEQ ID NO:1) --.

At page 26, line 14, after "R15K", please insert -- (SEQ ID NO:1) --.

At page 26, line 21, after "R15K", please insert -- (SEQ ID NO:1) --.

At page 27, line 3,   after "R15K", please insert -- (SEQ ID NO:1) --.

At page 27, line 11, after "R15K", please insert -- (SEQ ID NO:1) --.

At page 27, line 12, please delete "The CEM and H0 cells" and insert therfor -- The CEM and H9 cells --.

At page 27, line 15, after "R15K", please insert -- (SEQ ID NO:1) --.

At page 28, line 15, after "R15K", please insert -- (SEQ ID NO:1) --.

At page 28, line 22, after "E13V", please insert -- (SEQ ID NO:4) --.

At page 28, line 22, after "R15K", please insert -- (SEQ ID NO:1) --.

At page 36, line 15, after "Table 2", please insert -- (seq id nos:11 through 27, respectively, and SEQ ID NO:1) --.

At page 37, line 21, after "CTRPNNNTRKSIRIQRGPGRAFVTIGKIGNMRQAHC", please insert -- (SEQ ID NO:45) --.

At page 37, line 25, after "NNTRKSIRIQRGPGRAFVTIGKIG", please insert -- ; SEQ ID NO:3 --.

At page 38, lines 13 and 14, please delete "D23, D24, D25, D26, D30, D35, D38, D39 and D40", and insert therefor -- D23 (SEQ ID NO:11), D24 (SEQ ID NO:12), D25 (SEQ ID NO:13), D26 (SEQ ID NO:14), D30 (SEQ ID NO:18), D35 (SEQ ID NO:23), D38 (SEQ ID NO:25), D39 (SEQ ID NO:26 and D40 (SEQ ID NO:27) --.

At page 38, line 22, after "Table 11A", please insert -- (seq id nos:11 through 14; 18; 23; 25 through 27 and 1; respectively) --.

At page 38, line 24, after "sequences", please insert -- from --.

At page 38, lines 26 and 27, please delete "D27, D28, D29, D31, D32, D33, D34 and D37", and insert therefor -- D27 (SEQ ID NO:15), D28 (SEQ ID NO:16), D29 (SEQ ID NO:17), D31 (SEQ ID NO:19), D32 (SEQ ID NO:20), D33 (SEQ ID NO:21), D34 (SEQ ID NO:22) and D37 (SEQ ID NO:24) --.

At page 39, line 9, after "R15K", please insert -- (SEQ ID NO:1) --.

At page 41, line 26, after "peptide,", please delete -- an --.

At page 44, line 1, please delete "carried".

At page 44, line 11, after "Table 3", please insert -- (seq id nos:4, 28 through 43, 2 and 44, respectively) --.

At page 45, after the final line of the legend to Table 3, please insert -- The peptides in this table are represented by seq id nos:4, 28 through 43, 2 and 44, respectively. --.

At page 46, line 8, please delete "(0.Lm)" and insert therefor -- (0.1M) --.

At page 46, lines 27 through 29, please delete "61, 63, 65 and 67", and insert therefor -- 61 (SEQ ID NO:42), 63 (SEQ ID NO:43), 65 (SEQ ID NO:2) and 67 (SEQ ID NO:44) --.

At page 46, line 29, after "103 through 117", please insert -- (seq id nos:4 and 28 through 41, respectively) --.

At page 47, line 1, after "peptide 61", please insert -- (SEQ ID NO:42) --.

- 6 -

At page 47, line 2, after "peptide 61", please insert -- (SEQ ID NO:42) --.

At page 47, line 3, after "peptide 65", please insert -- (SEQ ID NO:2) --.

At page 47, line 3, after "peptide 103-117", please insert -- (seq id nos:4 and 28 through 41, respectively) --.

At page 47, line 6, after "Peptides 65", please insert -- (SEQ ID NO:2) --.

At page 47, line 7, after "Peptides 61", please insert -- (SEQ ID NO:42) --.

At page 47, line 35, after "peptides 61-68", please insert -- (peptide 61, SEQ ID NO:42, peptide 63, SEQ ID NO:43, peptide 65, SEQ ID NO:2, peptide 67, SEQ ID NO:44) --.

At page 48, line 1, please delete "61, 63, 65, 67 and 103-117", and insert therefor -- 61 (SEQ ID NO:42), 63 (SEQ ID NO:43), 65 (SEQ ID NO:2), 67 (SEQ ID NO:44) and 103-117 (seq id nos:4, 28 through 41, respectively) --.

At page 48, line 3, please delete "65, 66, 67, 68, 105 to 110, 112, 114, 115 and 117" and insert therefor -- 65 (SEQ ID NO:2), 66, 67 (SEQ ID NO:44), 68, 105 (SEQ ID NO:29), 106 (SEQ ID NO:30), 107 (SEQ ID NO:31), 108 (SEQ ID NO:32), 109 (SEQ ID NO:33), 110 (SEQ ID NO:34), 112 (SEQ ID NO:36), 114 (SEQ ID NO:38), 115 (SEQ ID NO:39) and 117 (SEQ ID NO:41) --.

At page 48, lines 4 and 5, please delete "61, 62, 63, 64, 103, 104, 111, 113 and 116", and insert therefor -- 61 (SEQ ID NO:42), 62, 63 (SEQ ID NO:43), 64, 103 (SEQ ID NO:4), 104 (SEQ ID NO:28), 111 (SEQ ID NO:35), 113 (SEQ ID NO:37) and 116 (SEQ ID NO:40) --.

At page 49, after the last line of Table 4, please insert -- In this table peptides 61, 63, 65 and 67 are represented as seq id nos:42, 43, 2 and 44, respectively.--.

At page 50, after the last line of Table 5, please insert -- In this table peptides 63, 65, 67 and 103-117 are represented by seq id nos:43, 2, 44, 4 and 28 through 41, respectively. --.

At page 51, after the last line in the legend of Table 6, please insert -- In this table peptides 63, 65, 67 and 103-117 are represented by seq id nos:43, 2, 44, 4 and 28 through 41, respectively. --.

At page 52, line 10, after "67", please insert (seq id nos:42, 43, 2 and 44, respectively) --.

At page 53, line 8, please delete "105, 107, 109 and 111" , and insert therefor -- 105 (SEQ ID NO:29), 107 (SEQ ID NO:31), 109 (SEQ ID NO:33) and 111 (SEQ ID NO:35) --.

At page 53, line 13, please delete "61, 63, 103, 104 and 113", and insert therefor -- 61 (SEQ ID NO:42), 63 (SEQ ID NO:43), 103 (SEQ ID NO:4) and 113 (SEQ ID NO:37) --.

At page 55, line 19, please delete "studies CTLs,", and insert therefor -- studies, CTLs --.

At page 55, line 21, after "R15K", please insert -- (SEQ ID NO:1) --.

At page 55, line 23, after "R15K peptide", please insert -- (SEQ ID NO:1) --.

- 8 -

At page 55, line 34, after "R15K", please insert -- (SEQ ID NO:1) --.

At page 56, line 13, after "R15K", please insert -- (SEQ ID NO:1) --.

At page 57, line 1 and 2, after "R15K peptide", please insert -- (SEQ ID NO:1) --.

At page 57, line 21, after "R15K peptide", please insert -- (SEQ ID NO:1) --.

At page 58, line 26, after "R15K", please insert -- (SEQ ID NO:1) --.

At page 60, line 2, after "R15K", please insert -- (SEQ ID NO:1) --.

At page 62, line 25, after "R15K", please insert -- (SEQ ID NO:1) --.

At page 62, line 28, after "R15K", please insert -- (SEQ ID NO:1) --.

At page 63, line 1, after "R15K peptide", please insert -- (SEQ ID NO:1) --.

At page 63, line 5, after "R15K", please insert -- (SEQ ID NO:1) --.

At page 63, line 6, after "R15K", please insert -- (SEQ ID NO:1) --.

At page 63, line 12, after "(R15K", please insert -- , SEQ ID NO:1 --.

At page 63, line 16, after "R15K peptide", please insert -- (SEQ ID NO:1) --.

At page 63, line 19, please delete "along", and insert therefor -- alone --.

At page 63, line 24, please delete "KQUIINMWQEVGKAMYA", and insert therefor -- KQIINMWQEVGKAMYA (SEQ ID NO:46) --.

At page 64, line 6, please delete "**Inductoin**", and insert therefor -- **Induction** --.

At page 64, line 17, after "(aa 147-158", please insert -- , SEQ ID NO:8 --.

At page 64, line 28, after "HGEFAPGNYPALWSYA", please insert -- (SEQ ID NO:9) --.

At page 67, line 3, after "Table 11A", please insert -- (seq id nos:11 through 14, 18, 23, 25 through 27 and 1, respectively) --.

At page 67, lines 4 and 5, please delete "D23, D24, D25, D26, D30, D35, D38, D39, D40, and D44", and insert therefor -- D23 (SEQ ID NO:11), D24 (SEQ ID NO:12), D25 (seq is no:13), D26 (SEQ ID NO:14), D30 (SEQ ID NO:18), D35 (SEQ ID NO:23), D38 (SEQ ID NO:25), D39 (SEQ ID NO:26), D40 (SEQ ID NO:27) and D44 (SEQ ID NO:1) --.

At page 67, line 9, after "Table 11B", please insert -- (seq id nos:15 through 22 and 24, respectively) --.

At page 68, after the last line of Table 11, please insert --The peptides in this table are represented by seq id nos:11 through 14, 18, 23, 25 through 27, 1, 15 through 22 and 24, respectively. --.

At page 69, line 14, after "R15K, H13N and T13Q)", please insert -- (seq id nos:1, 7 and 6, respectively) --.

At page 69, line 24, after "R15K peptide", please insert -- (SEQ ID NO:1) --.

At page 69, line 31, after "R15K peptide", please insert -- (SEQ ID NO:1) --.

At page 70, line 17, after "R15K peptide", please insert -- (SEQ ID NO:1) --.

At page 71, lines 18 and 19, please delete "61, 63, 104, 105, 111, 113, 116" and R15K, and insert therefor -- 61 (SEQ ID NO:42), 63 (SEQ ID NO:43), 104 (SEQ ID NO:28), 105 (SEQ ID NO:29), 111 (SEQ ID NO:35), 113 (SEQ ID NO:37), 116 (SEQ ID NO:40) and R15K (SEQ ID NO:1) --.

At page 72, after the last line of the legend for Table 12, please insert -- The peptides in this table are represented by seq id nos:42, 43, 28, 29, 35, 37, 40 and 1, respectively --.

At page 72, lines 28 through 31, please delete "104 (aa 45-55), 111 (aa 118-130) and 63 (aa 519-543); while weak responses were observed with peptides 113 (aa 204-216) and 116 (aa 240-252)", and insert therefor -- 104 (aa 45-55; SEQ ID NO:28), 111 (aa 118-130; SEQ ID NO:35) and 63 (aa 519-543; SEQ ID NO:43); while weak responses were observed with peptides 113 (aa 204-216; SEQ ID NO:37) and 116 (aa 240-252; SEQ ID NO:40) --.

At page 72, line 33, after "aa 586-598", please insert -- ; SEQ ID NO:42 --.

At page 72, line 34, after "aa 48-61", please insert -- ; SEQ ID NO:29 --.